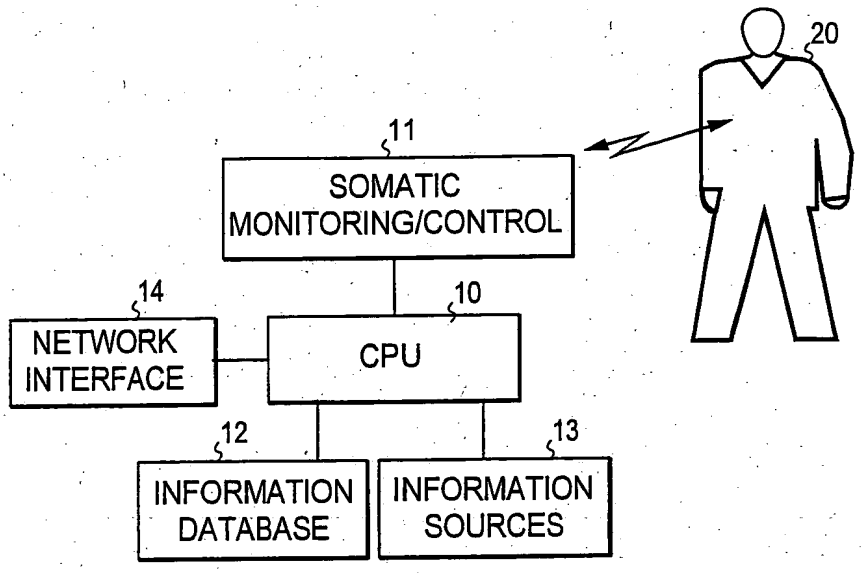

20
11
SOMATIC MONITORING/CONTROL
14
NETWORK INTERFACE
10
CPU
12
INFORMATION DATABASE
13
INFORMATION SOURCES

FIG. 1

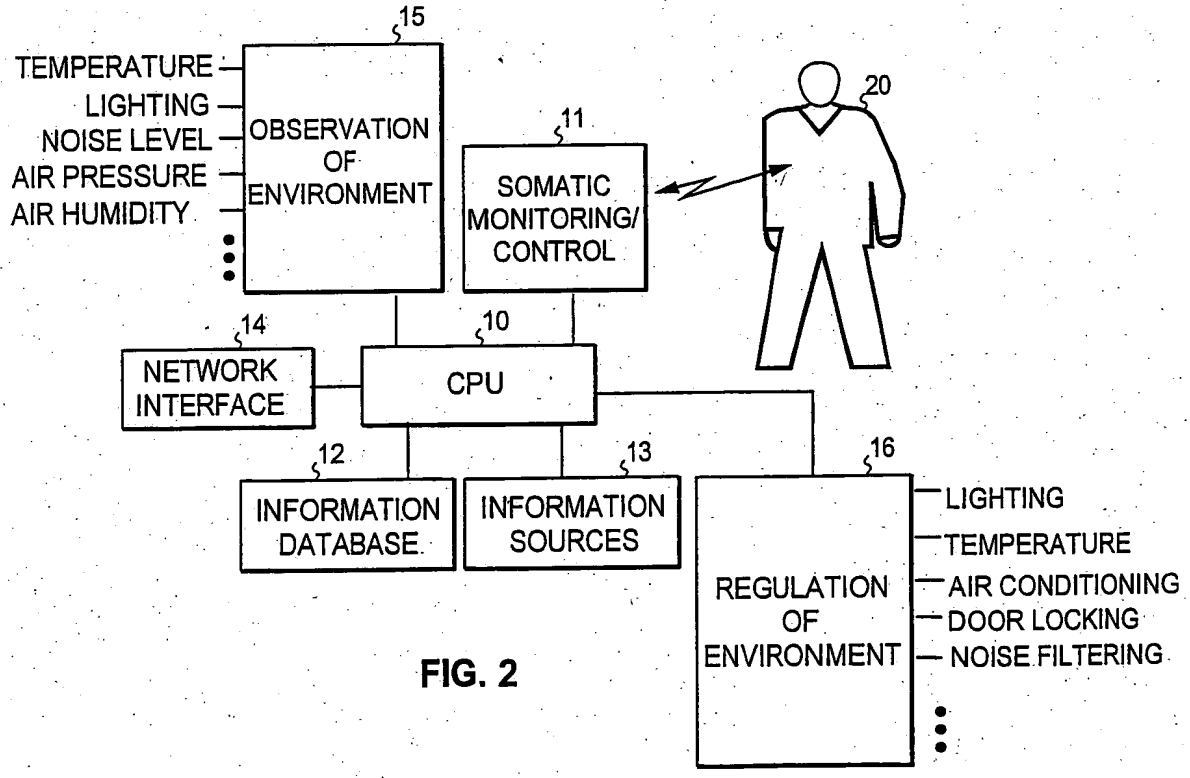

15
TEMPERATURE
LIGHTING
NOISE LEVEL
AIR PRESSURE
AIR HUMIDITY
OBSERVATION OF ENVIRONMENT
20
11
SOMATIC MONITORING/ CONTROL
14
NETWORK INTERFACE
10
CPU
12
INFORMATION DATABASE
13
INFORMATION SOURCES
16
REGULATION OF ENVIRONMENT
LIGHTING
TEMPERATURE
AIR CONDITIONING
DOOR LOCKING
NOISE FILTERING

FIG. 2

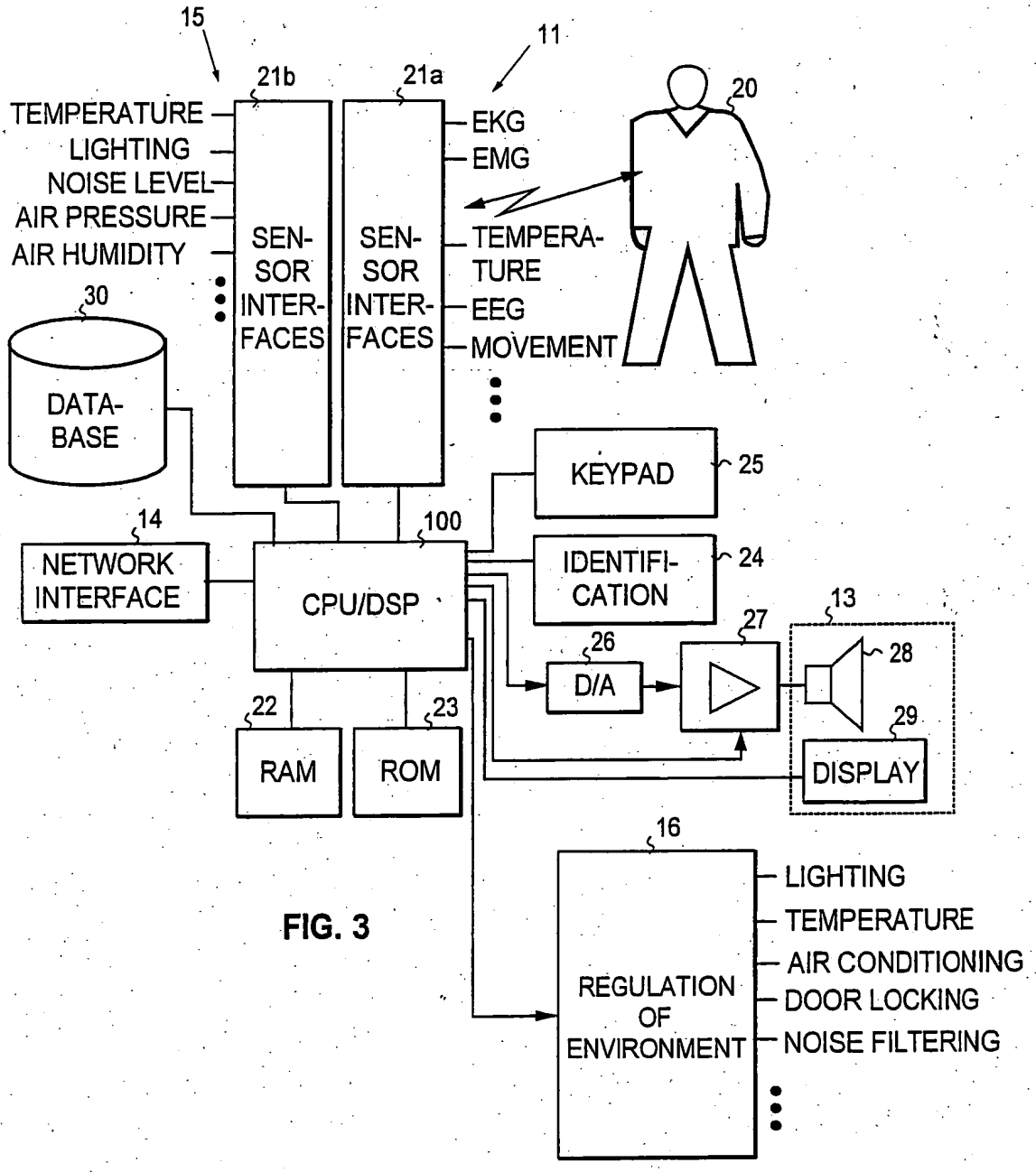
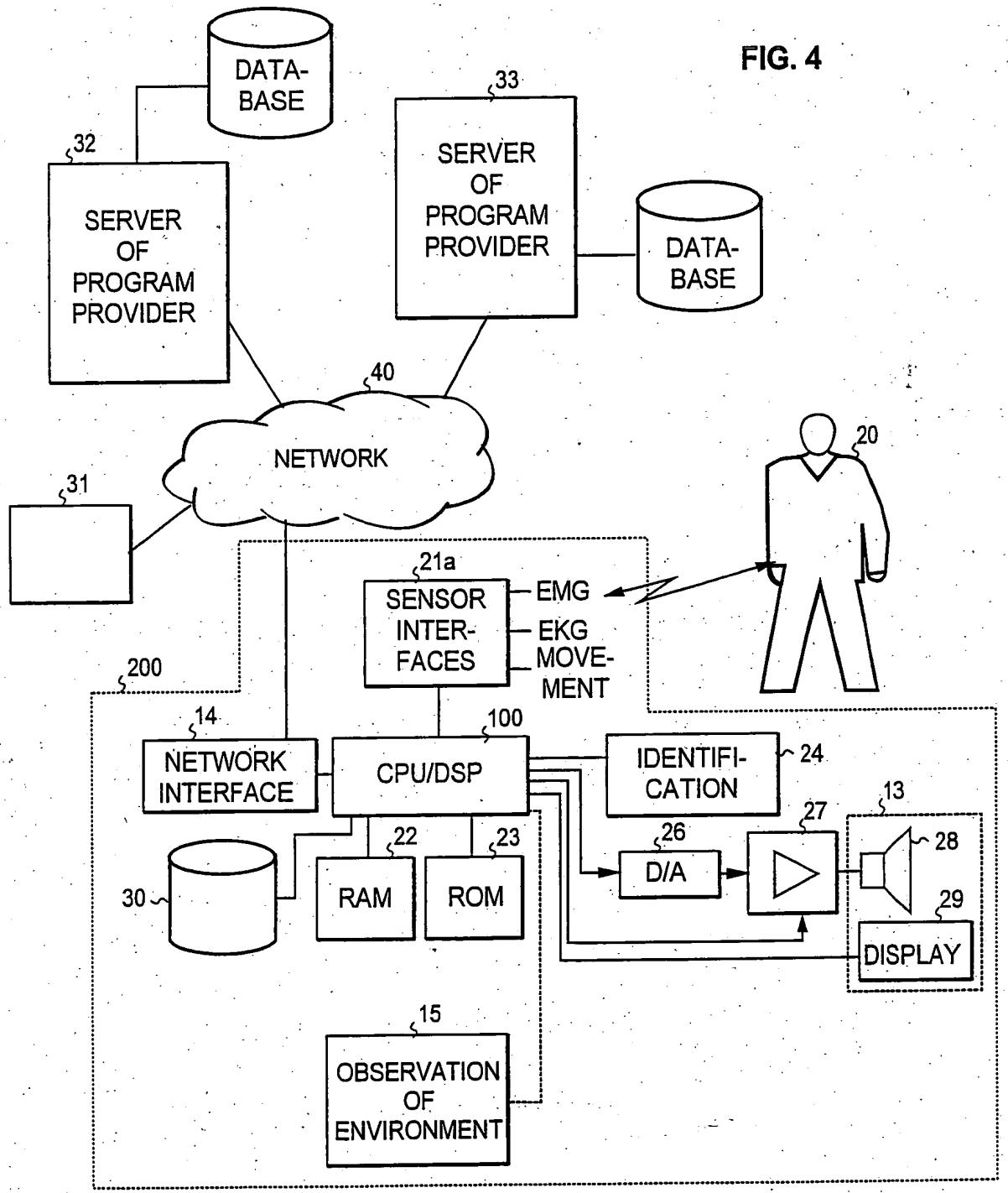

15
11
21b
21a
20
TEMPERATURE
LIGHTING
NOISE LEVEL
AIR PRESSURE
AIR HUMIDITY
SEN-SOR INTER-FACES
SEN-SOR INTER-FACES
EKG
EMG
TEMPERA-TURE
EEG
MOVEMENT
30
DATA-BASE
KEYPAD
25
14
100
NETWORK INTERFACE
CPU/DSP
IDENTIFI-CATION
24
13
27
26
D/A
28
29
22
23
RAM
ROM
DISPLAY
16
REGULATION OF ENVIRONMENT
LIGHTING
TEMPERATURE
AIR CONDITIONING
DOOR LOCKING
NOISE FILTERING

FIG. 3

FIG. 4


DATA-
BASE
32
SERVER
OF
PROGRAM
PROVIDER
33
SERVER
OF
PROGRAM
PROVIDER
DATA-
BASE
40
NETWORK
31
20
21a
SENSOR
INTER-
FACES
EMG
EKG
MOVE-
MENT
200
14
NETWORK
INTERFACE
100
CPU/DSP
IDENTIFI-
CATION
24
13
27
26
D/A
28
29
DISPLAY
30
22
RAM
23
ROM
15
OBSERVATION
OF
ENVIRONMENT

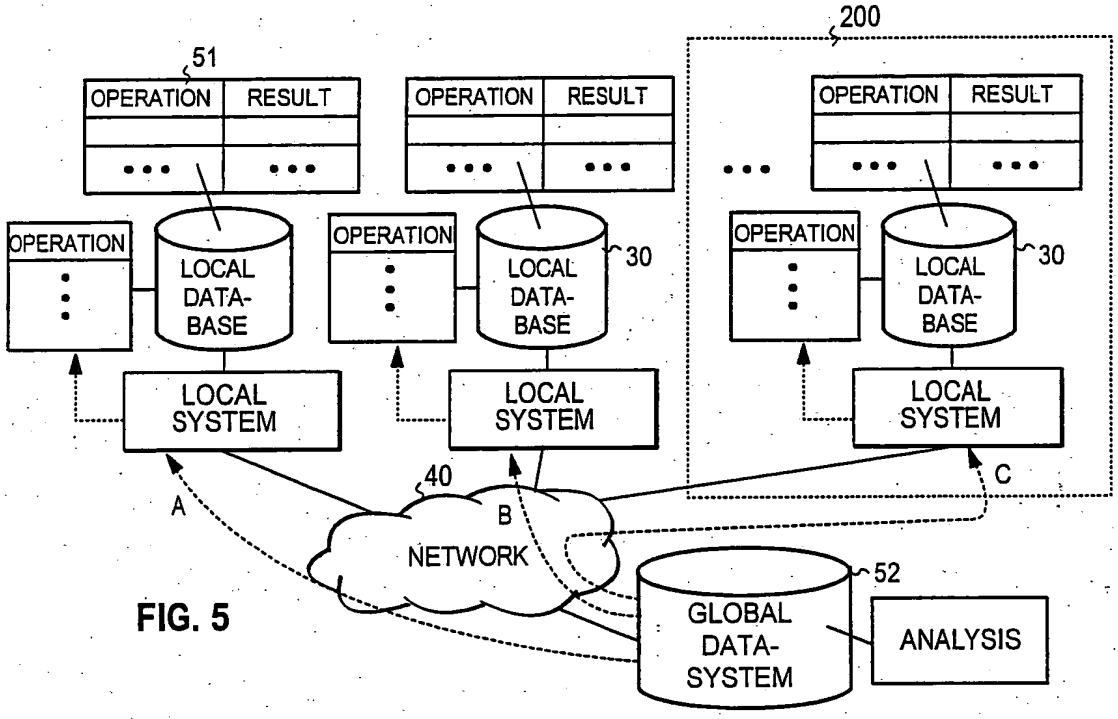

200
51
OPERATION
RESULT
OPERATION
LOCAL DATA-BASE
30
LOCAL SYSTEM
40
NETWORK
A
B
C
52
GLOBAL DATA-SYSTEM
ANALYSIS

FIG. 5

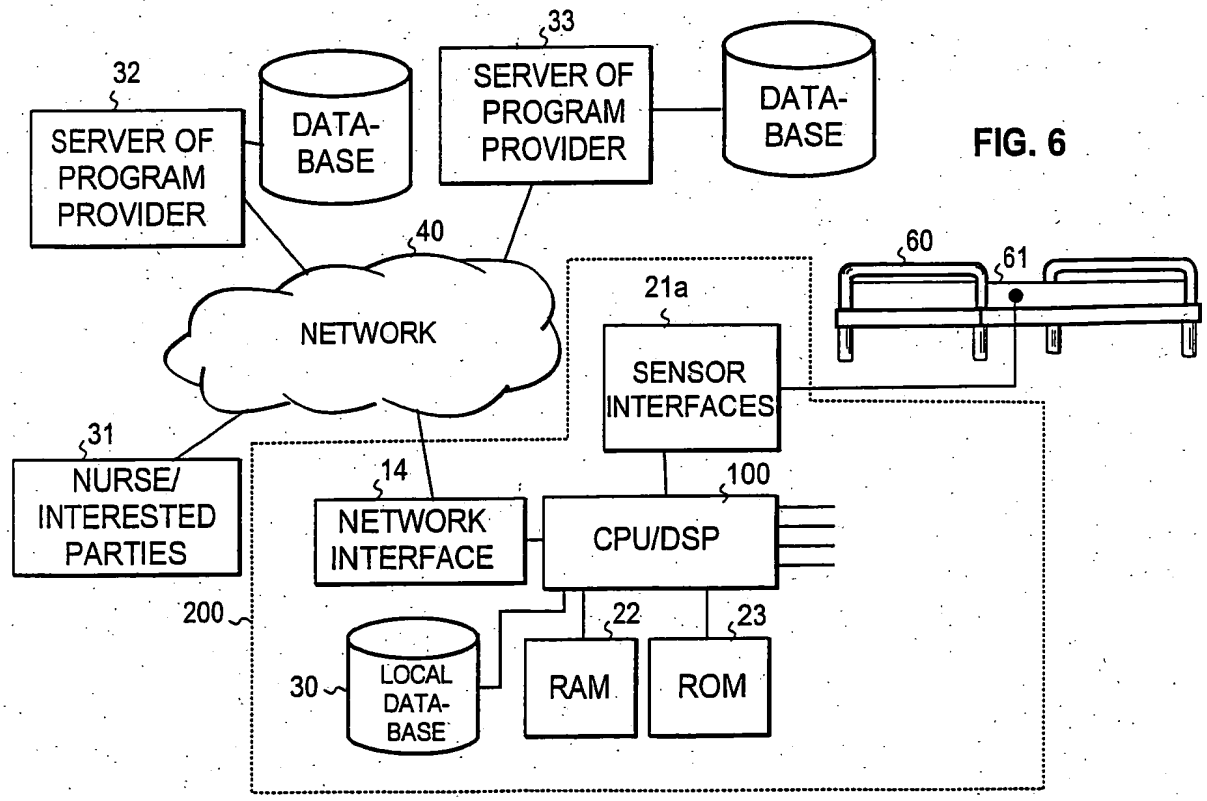

33
32
SERVER OF PROGRAM PROVIDER
DATA-BASE
40
NETWORK
60
61
21a
SENSOR INTERFACES
31
NURSE/ INTERESTED PARTIES
14
NETWORK INTERFACE
100
CPU/DSP
200
22
23
30
LOCAL DATA-BASE
RAM
ROM

FIG. 6